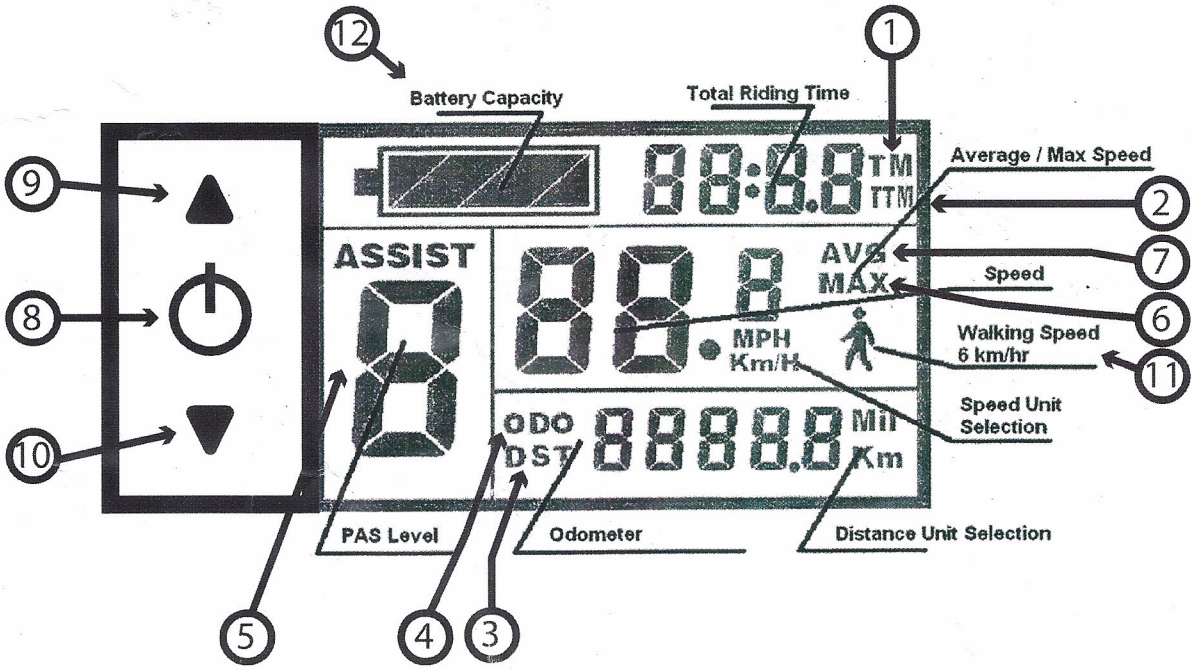
#. LCD DISPLAY MAP



DISPLAY ICON	DESCRIPTION
1. TM	Single trip time
2. TTM	Total Trip Time
3. DST	Trip Distance (single)
4. ODO	Odometer (distance accumulated)
5. ASSIST	Motor Speed Assist Level 1 or 2
6. MXS	Maximum Speed
7. AVG	Average Speed
8. SW	On / Off Button
9. UP	Increase or Programming Function
10. DOWN	Decrease or programming Function
11. WALKING SPEED	Reduced Speed for Attendant to Accompany Rider
12. BATTERY	Indicates Remaingin Battery Charge

#. LCD DISPLAY MAP

New Display Features

- Timer: Operates only during riding. Timer stops when not riding.
- Trip Time TM
- Total Elapsed Trip Time TTM
- Assist Level Recall: On power up defaults to last level set.
- Advanced Setting (for factory engineering not user accessible)

LCD Display

- 1 - TM - Single Trip Time
- 5 - ASSIST - Speed Level
- 3 - DST - Trip Distance
- 11 - 6km/hr.: Walking Speed Enabled

Failure Flash Code Number (consult error code list for fault diagnosis)

HISTORY (saved in memory)

- 2 - TM - Single Trip Time
- 4 - ODO - Distance Accumulated
- 6 - MXS - Maximum Speed
- 7 - AVG - Average Speed

8 POWER On/Off

- ON: Press and hold down SW (8) for 2 sec to turn on power.
- OFF: Press and hold down SW (8) to turn off power.
- Power Save Mode: The LCD will power OFF automatically after 5 minutes of inactivity.

5 POWER ASSIST LEVEL

Press UP or DOWN to adjust Assist Level to change the motor speed and power output. 1 is the lowest power, 2 is the highest power. On next power up, last level set is retained.

11 WALKING SPEED

- Press and hold down arrow (10) to drive the Firefly 6km/hr.
- Walking speed icon flashes
- When down arrow (10) is released walking speed is off.

NOTE: Newer version will stay in walk speed until down arrow is pressed again.

DISPLAY LCD BACKLIGHT

- Press and hold UP arrow (9) to turn on display backlight.
- Press and hold UP arrow (9) again to turn off the display backlight.

PROGRAMMING MODE TO ADJUST SETTINGS

- 8 Press ON/OFF button a short time to enter data check. **Press UP or DOWN to show:**
  - 2 - TTM - Total Trip Time
  - 4 - ODO - Accumulated Distance
  - 6 - MXS - Maximum Speed
  - 7 - AVG - Average Speed
- To **EXIT PROGRAMMING MODE** Press ON/OFF SW (8) again or ride Firefly over 5 seconds

BATTERY CAPACITY CHECK

- 24 Volt Output (self-regulating)
- Full Charge - 70%: 4 LEDS
- Battery Discharged - <15%: no light

- The **LCD Display will flash** when a low voltage condition is reached. The controller will then shut off power to the motor.

NORMAL SETTINGS

- Max Speed
- Wheel Diamerteris 16 inches
- Select: MPH or Km/hr.
- Advanced Setting (not available to user)

CHANGING NORMAL SETTING

- **Within 5 sec after turning on power, hold down UP and DOWN for 3 sec to enter LCD setting.** When entering the setting, the backlight will turn on automatically. When exiting the setting, the backlight will turn off automatically.
- Highest speed setting (when the speed of the Firefly is over the value, the motor will not exceed that speed).
  - **Euro spec 25km/hr.** by default. **US spec 10 mph** (15kph) by default.
  - Press UP or DOWN to adjust the value (factory preset)
- **Wheel Diameter Setting**
  - After setting the highest speed, press (8) SW ON/OFF button to set the wheel diameter.
  - Press UP or DOWN to adjust wheel size from 12" to 26" or 700c
- Unit selection **Metric or Standard**
  - After setting the wheel diameter, press ON/OFF SW (8) button to set to metric or standard.
  - Press UP or DOWN to adjust the value.
  - Note that the km/hr. (or MPH) will be changed to km (or Mile).
- **Exit Function**
  - Press SW (8) ON/OFF for 2 sec
- **Fault Codes**
  - 01 error XXXXXXXXXXXXXXXXXX - 02 - 03 - 04 - 05